

COCONINO COUNTY AMATEUR RADIO CLUB  
1984 NEWSLETTER

ADVANCED, WA7FAY TO ADVANCED, AND KA7PZL TO TECHNICIAN. CONGRATULATIONS TO ALL OF YOU FOR THE FOR UPGRADING.

FROM THE AD

LIKE MOST THINGS IN LIFE, THE RESULTS AND SATISFACTION YOU GET IN AMATEUR RADIO IS DIRECTLY PROPORTIONAL TO WHAT YOU PUT IN. THE PROFICIENT DID NOT BECOME THAT WAY BECAUSE OF NATURAL ABILITY OR TALENT. OBSERVATION AT FIELD DAY INDICATED THAT SOME OPERATORS LEARNED MORE ABOUT OPERATING DURING A FEW HOURS AT THE KEY OR MIKE THAN THEY DID BY MANY (?) HOURS OF "READING THE MAIL" OR LISTENING TO TAPES. TRYING TO BRING UP CODE SPEED BY THE TAPE METHOD IS GREAT IF YOU PLAY THE TAPE ONCE AND THROW IT AWAY. THE ONLY WAY IS THROUGH TIME ON THE AIR. ONE OF THE MAIN THINGS A HAM SHOULD HAVE IS A GOAL BUT - BY SETTING A SPECIFIC GOAL, SUCH AS REACHING A SPECIFIC CODE SPEED BY COPYING ONE OF THE SEVERAL STATIONS THAT SEND CODE PRACTICE. YOU SHOULD SAY TO YOURSELF THAT " IN TEN DAYS, I WILL BE COPYING TEN WPM; IN T N DAYS, I WILL BE COPYING FIFTEEN WPM; AND SO ON". ALWAYS TRYING TO COPY AT A HIGHER SPEED THAN THE SPEED AT WHICH YOU GET SOLID COPY IS A GOOD WAY TO GO. SET YOUR SIGHTS ON A WAS, WAC, AND PARTICIPATE IN AN OPERATING ACTIVITY SUCH AS FD, SS, TEN METER CONTEST ETC. IF YOU HAVE A LICENSE BUT CANNOT GET ON THE AIR , OR ARE OFF DUE TO A LACK OF EQUIPMENT, OR YOU NEED ENCOURAGEMENT PLEASE LET YOU CLUB OFFICERS KNOW. THEY WILL BE HAPPY TO ARRANGE FOR A "PARTNER" WHO WILL INVITE YOU TO HIS SHACK WHERE YOU CAN OPERATE. MANY THANKS TO ALL THE GUYS AND GALS WHO MADE FIELD DAY POSSIBLE.

73 BILL

FOR THOSE OF YOU THAT MIGHT BE INTERESTED IN LEARNING A LITTLE MORE ABOUT DIGITAL LOGIC, THE FOLLOWING TWO BOOKS MIGHT BE OF INTEREST TO YOU. THE FIRST IS THE TTL COOKBOOK BY DON LANCASTER. THIS BOOK DEALS WITH THE INS AND OUTS OF OF THE TTL FAMILY OF CHIPS. LANCASTER PRESENTS SOME OF THE DO'S AND DON'TS CONCERNING CIRCUIT FABRICATION USING THIS FAMILY OF CHIPS. THE AUTHOR ALSO HAS A PRACTICAL SECTION ON LOGIC IN THIS BOOK. THE SECOND BOOK IS THE CMOS COOK BOOK BY THE SAME AUTHOR. THIS BOOK IS CONCERNED WITH THE CMOS FAMILY OF CHIPS. IT HAS THE SAME FORMAT AS THE TTL BOOK BUT IN ADDITION, DEALS WITH SOME OP AMP CIRCUITS AND THE 4046 PHASE LOCK LOOP. BE PREPARED TO DO SOME THINKING WITH THESE BOOKS. ALSO THE USE OF A SOLDERLESS BREADBOARD IS RECOMMENDED. DON LANCASTER GIVES A LOT OF PRACTICAL THEORY BUT YOU HAVE TO FILL IN THE DETAILS. HOWEVER THE EFFORT IS WELL WORTH IT

73 EDITOR